

NT BOOK

Dimensions		Contents	Reference to last Measurement
Breadth	Depth		
5	6	7	8
FI - 18706 -			
VAT - 74822 -			
Wc 18706 -			
CSF - 1871 -			
Roy - 29375			
Total - 143480 =			

First & final

M. A. R. 57 (Rule 116)

Measurement Book

No. B 258331

BR-276/30-6-16

Improvements to roads & drains at Horanahalli & Sangavada byat
Maddur in road no. 8, Kodigehalli subdivision.

Serial No.
Name of Work From To
Name of Contractor of nature of Agency N. Narasimhaiah, Bangalore
Date of commencement of work 15-5-2016

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
	2	3	4	5	6	7	8
	Estimate work: RA. 20.00 lakhs A=NO. B&MP/CE/PAK/PR/08/15-16 dtd 18.08.2015 TS NO. B&MP/CE/PAK/PR/06/15-16 dtd 19.08.2015 Job code: 008-16-200006 Pcode: P3089. WO No. BR/KTP/B&MP/E-PMT/225/2015-16 dtd 26.2.2016. Measurement recorded on: 30-06-2016						
	1) Earthwork excavation by manual means in ordinary soil, excavated surface levelled & sides neatly dressed disposed earth to be levelled neatly after breaking of clods etc complete as directed. Qty side Area No. 14/9 page 258369 Limited to					491.25 cum. 420.96 cum. = 71.28/-	30006.00

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
16)	Lead for disposal of debris & rubble by mechanical means as directed by vide Acm no. (16) of page 258270					412.57 cum 399.91 cum = 41.66	27818.00
						② Rs. 69.86/-	
2)	Providing granite slab of selected quality & fixing it on I.S. including fixings, cement & complete - local work					522.60 sqm 528.00 sqm = 6.40	26052.70
						② Rs. 653.88/-	
3)	Providing & laying in position 100 kg of 1:1.8 concrete with OPC cement @ 180 kg cum						
	Granite work @ 0.85 cum						
	Machine mixed, concrete laid & layers as directed						

Serial No.
Name of Work
Name of Contractor of nature of Agency
Date of commencement of work

Date	Full description, etc, of work	Num
1		
	city vide Acm no. (13) of page	
4)	Providing & construction in superstructure work as directed in city vide Acm no. (4) of page	

ns		Contents	Reference to last Measurement
Leadth	Depth		
5	6	7	8
payable to deceased		412.57	cur
ted to		399.91	cur
o/-		= Rs.	27818.00
200000 of principal		522.60	4th
inter to		528.00	4th
80/-		= Rs.	360528.00
400000			
from 2 dls			
0.57 cur			
as directed			

No. B 258332

Serial No.

Name of Work From To

Name of Contractor of nature of Agency

Date of commencement of work

Date	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Qty vide Acct no. (3) of page 258270 Providing & constructing granite offset stone masonry in superstructure on cor 16, edge of plones which descend in curves as detailed Qty vide Acct no. (4) of page 258271	258270		Limited to Rs. 4569.78/-		4.70 4.62 = Rs. 21112.00	clear. cur ✓
4)				Limited to Rs. 4500.55/-		20.74 7.56 = Rs. 34024.00	clear cur ✓

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
5)	providing ruled pointing to curved stone masonry with ch 1:4, 20mm deep after taking joints as directed city side Area no. (5) of page 258271					24.56 12.60 = 11.96	84 84 1103.00
6)	providing & laying in position per spec of up 1:2:4 with cement @ 240 kg cum 20mm & d/s ruled granite metal ch @ 0.878 cum & FA @ 0.582 cum mixed, concrete laid in layers as directed. city side Area no. (6) of page 258271					3.24 2.94 = 6.18	84 84 14747.00

Serial No.	
Name of Work	
Name of Contractor of nature of Agency	
Date of commencement of work	
Date	Full description, etc, of work
1	2
7	providing & laying 1/2" red iron & 4" granite @ 0.15 per sq ft machine mixed, as directed in the book of Singapore Main road the memo 20
8	providing & laying 1/2" red iron & 4" granite @ 0.15 per sq ft machine mixed, as directed in the book of Singapore Main road the memo 20

Dimensions			Contents	Reference to last Measurement
Breadth 5	Depth 6	7		
store after baking				
limited to		24.56	RM	
57/-		12.60	RM	
		= RM		1103.00
up to 12.4				
down to 12.4				
clear to 12.4				
water level				
limited to		3.24	RM	
		2.94	RM	
50229/-				14227.00

No. B 258333

Serial No.

Name of Work From To

Name of Contractor of nature of Agency

Date of commencement of work

Date	Full description, etc., of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
7	providing & laying in the road work & dls granite setts, @ 0.15 cum unit machine mixed, as directed in the spec & across Singapore Main road <i>the morning</i> <i>Assistant Executive Engineer, Sub Division, Koduganur, M.P. Koduganur, Bangalore on 10.10.1950</i>	position acc y design concrete @ 120 kg cum CA @ 0.878 cum reinforcement @ 7 lbs concrete laid in layers complete	10.80	2.60	0.225	6.31 cum 5.67 cum = 11.98	30423.0
8	providing & laying in the road work place on 10.10.1950	position acc y design concrete @ 120 kg cum CA @ 0.878 cum reinforcement @ 7 lbs concrete laid in layers complete	10.80	2.60	0.225	6.31 cum 5.67 cum = 11.98	30423.0

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	city vide item no. (8) of spec 258272 - - - limited to @ Rs. 4534/-					0.74 tone 0.40 tone = Rs. 27814.00	
	9) providing & removing existing ducting, starting propping etc & removal of formwork as directed. city vide item no. (9) of spec 258272 - - - limited to @ Rs. 275.94/-					21.24 spu 20.52 spu = Rs. 5662.00	
	10) providing laying spreading & compacting graded stone aggregate to 150 mm thickness the material with water to be in mechanical mix part. Carriage & deposit material being rolling as directed.						

Serial No.
Name of Work
Name of Contractor of nature of Agency
Date of commencement of work

Date 1	Full description, etc, of work 2	Number 3
	city vide item no. (10) of spec	
	11) cleaning the existing work removing of binding work material with wire brush directed as complete. city vide item no. (11) of spec	

T BOOK

Dimensions		Contents	Reference to last Measurement
Breadth	Depth		
5	6	7	8
limited to		0.74	same
#4534/-		0.40	same
		= Rs. 39814.00	
key, building work as			
#2		21.24	Spa
limited to		20.52	Spa
#45.94/-		= Rs. 5662.00	
achis graded			
and including			
to one in			
aligned material			

M. A. R. 57 (Rule 116) Measurement Book

No. B

258334

Serial No. From To
 Name of Work
 Name of Contractor of nature of Agency
 Date of commencement of work

Date	Full description, etc., of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
	2	3	4	5	6	7	8
	Qty wide item no. (10) of	page 258372				1407.81	same
				limited to		299.90	same
				@ Rs. 125.25/-		= Rs. 542272.00	
11)	cleaning the existing work road surface including removing of binding materials & other foreign matter with wire brushes & small picks as directed etc. Complete.						
	Qty wide item no. (11) of	page 258374				1445.85	Spa
				@ Rs. 11.50/-		= Rs. 16624.00	

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	12) providing & applying primer coat for surfaces of medium porosity like cement stabilized xpl base @ 1:10 to 1cm over prepared surface as directed Qty vide Item no. (12) of spec	258174	-	-	-	1445.85 = Rs	Spd ✓ 101585.00
	13) Cleaning the existing black topped surface with broom, soft brushes & finally dusting with old junny bags as directed. Qty vide Item no (13) of spec	258175	-	-	-	1090.05 = Rs	Spd ✓ 3107.00
	14) providing & applying black coat using 30/100 grade bitumen on prepared black topped surface						

Serial No.
Name of Work
Name of Contractor of nature of Agency
Date of commencement of work

Date 1	Full description, etc, of work 2
	at 2.5% of 10% Qty vide Item no. (14)
	15) providing & laying using crushed & provided, transported & grade & aligned directed. Cross road - 1

BOOK

Depth 6	Contents 7	Reference to last Measurement 8
	1445.85	SpM ✓ 101585.00
	1090.05	SpM ✓ 3107.00

M. A. R. 57 (Rule 116)
Measurement Book

No. B

258335

Serial No. From To
 Name of Work
 Name of Contractor of nature of Agency
 Date of commencement of work

Date	Full description, etc., of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	at 2.5% fall 10% on directed to complete city side from no. (14) of pax 258375 2% 17.67/-					1090.05	SpM ✓ 19221.00
15)	providing & laying sandstone dimensions concrete using crushed aggregate of specified gradings provided, transportation, laying, finishing to road level & grade & alignment, rolling & complete as directed. cross road - 1	1 x 15.00 x (5.4 + 4.8) x 0.025 1 x 15.00 x (4.8 + 4.5) x 0.025 1 x 15.00 x (4.5 + 4.8) x 0.025				1.91 ✓ 1.74 ✓ 1.74 ✓	can " "

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Cross road - 2	1x15.0x(4.8+4.6)	0.025	1.78	cum		
		1x19.0x(4.6+4.7)	0.025	2.20	"		
		1x15.0x(4.6+4.9)	0.025	1.78	"		
		1x15.0x(4.7+4.7)	0.025	1.80	"		
		1x15.0x(4.7+4.8)	0.025	1.78	"		
		1x15.0x(4.8+4.2)	0.025	1.68	"		
		1x20.0x(4.2+4.8)	0.025	2.25	"		
		1x15.0x(5.0+5.0)	0.025	19.25	"		
	sympatip filip in Sampooda road	1x15.0x(9.3+9.0)	0.025	3.45	"		
	Sampooda main road feast house layout road	1x15.0x(9.0+8.2)	0.025	3.24	"		
	left Kodigehalli main road	1x15.0x(8.3+7.2)	0.025	2.96	"		

30/6 (1977-78)

Serial No.
Name of Work
Name of Contractor of nature of Agency
Date of commencement of work

Date	Full description, etc, of work	No
	2	
	Checked. Cape M. S. S. S. Assistant Executive Engineer Kodigehalli Sub Division, Yelahanka Zone, B.B.M.P., Bangalore. Cross road	

IT BOOK

Dimensions		Contents	Reference to last Measurement
Breadth 5	Depth 6		
$1.8 + 0.6$	$\times 0.025$	1.78	cum
$4.6 + 4.7$	$\times 0.025$	2.20	"
$4.6 + 4.9$	$\times 0.025$	1.78	"
$4.7 + 4.7$	$\times 0.025$	1.80	"
$4.7 + 4.8$	$\times 0.025$	1.78	"
$4.8 + 4.2$	$\times 0.025$	1.68	"
$4.7 + 4.8$	$\times 0.025$	2.25	"
$5.0 + 5.0$	$\times 0.025$	17.85	"
$7.2 + 9.0$	$\times 0.025$	3.42	"
8.2	$\times 0.025$	3.24	"
$1.7 + 1$	$\times 0.025$	2.96	"

M. A. R. 57 (Rule 116) Measurement Book

No. B

258336

Serial No.
 Name of Work From To
 Name of Contractor or nature of Agency
 Date of commencement of work

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
		3	4	5	6	7	8
	Checked. Cape M. A. R. 57 (Rule 116) Assistant Executive Engineer Kodigehalli Sub Division, Yelahanka Zone, B.B.M.P., Bangalore. C.V. M. M. C.	1	15.0	$7.2 + 8.0$	$\times 0.025$	2.85	cum
		1	15.0	$8.0 + 8.6$	$\times 0.025$	2.11	"
		1	15.0	$8.6 + 8.0$	$\times 0.025$	2.30	"
		1	15.0	$9.0 + 8.70$	$\times 0.025$	3.21	"
		1	15.0	$8.7 + 8.2$	$\times 0.025$	3.16	"
		1	15.0	$8.2 + 8.9$	$\times 0.025$	3.20	"
		1	19.00	$8.9 + 10.0$	$\times 0.025$	3.54	"
		1	3.0	$2.8 + 5.3$	$\times 0.025$	2.70	"
		1	3.0	$3.6 + 5.0$	$\times 0.025$	3.22	"

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
						~~75.85~~ cum ~~75.56~~ cum ~~619958.00~~ <u>1850168.00</u> ~~1850168.00~~	
	<u>Certificate</u> 1) the work done is satisfactory 2) the contractor has cleared the debris along his own vehicle. 3) there are no departmental issues to this work. <i>[Signature]</i> Assistant Executive Engineer, Kodigehalli Sub Division, Yelahanka Zone, B.B.M.P., Bangalore.						

Serial No.
 Name of Work
 Name of Contractor of nature of Age
 Date of commencement of work

Date	Full description, etc, of work
1	$\leftarrow 2 \text{ cm} \rightarrow$ $\leftarrow 79 \text{ m} \rightarrow$ Culvert constrn Kodigehalli

Dimensions		Contents	Reference to last Measurement
Breadth	Depth		
5	6	7	8
Total		\$5.85	cur
ated 1/2		\$5.56	cur
4.85/-		- 1/2	619958.00
nt = Ks			1850168.00
le debris among his			1850168.00
to this work.			
Engineer, Division, B.B.M.P., Dte.			

↓
No. B 258337

Serial No.

Name of Work From tax work To

Name of Contractor of nature of Agency

Date of commencement of work

Date	Full description, etc., of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
		3	4	5	6	7	8

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	<i>1850167=00</i> <i>155886=00</i> <i>1694,281=00</i> <i>Tringhufast</i> <i>23/7</i>					<i>IT - 18502 -</i> <i>WAF - 74107 -</i> <i>W - 18502 -</i> <i>CBF - 1850 -</i> <i>Roy - 43025 -</i> <i>TOTAL - 155886 = 00</i>	

Serial No.
 Name of Work
 Name of Contractor of nature of Agency
 Date of commencement of work

Date	Full description, etc, of work
	2